



# Innovative Remediation and Site Characterization Technology Resources

## Document Title

## EPA Publication Number

### Citizen's Guide to Innovative Treatment Technologies

- Bioremediation
- Chemical Dehalogenation
- General Guide to Innovative Technologies
- *In Situ* Soil Flushing
- Natural Attenuation
- Phytoremediation
- Soil Vapor Extraction and Air Sparging
- Soil Washing
- Solvent Extraction
- Treatment Walls

#### English

EPA 542-F-96-007  
EPA 542-F-96-004  
EPA 542-F-96-001  
EPA 542-F-96-006  
EPA 542-F-96-015  
EPA 542-F-98-011  
EPA 542-F-96-008  
EPA 542-F-96-002  
EPA 542-F-96-003  
EPA 542-F-96-016

#### Spanish

EPA 542-F-96-023  
EPA 542-F-96-020  
EPA 542-F-96-017  
EPA 542-F-96-022  
EPA 542-F-96-026  
EPA 542-F-96-025  
EPA 542-F-96-024  
EPA 542-F-96-018  
EPA 542-F-96-019  
EPA 542-F-96-027

### General Documents (Relevant to both Remediation and Site Characterization)

- Directory of Technology Support Services to Brownfields Localities
- Environmental Business Council Resources
- EPA REACH IT (on-line vendors list) Fact Sheet
- Guideline for Dynamic Workplans and Field Analytics
- Road Map to Understanding Innovative Technology Options for Brownfields Investigation and Cleanup
- Superfund Innovative Technology Evaluation (SITE) Technology Profiles: 10th Edition
- Superfund Innovative Technology Evaluation (SITE) Program
- Tech Trends, November 2000
- TechDirect/CLU-IN
- Tool Kit of Information Resources for Brownfields Investigation and Cleanup

EPA 542-B-99-005  
EPA 542-K-97-002  
EPA 542-F-99-001  
EPA 542-B-96-002  
EPA 542-B-99-009  
EPA 540-R-99-500  
  
EPA 542-N-00-007  
EPA 542-F-99-002  
EPA 542-B-99-009

### Remediation Documents: General

- Analysis of Information Contained in Completed North American Innovative Remediation Technology Demonstration Projects, June 1997
- Assess/Remediate Contaminated Sediments Program: Guidance for *In Situ* Subaqueous Capping of Contaminated Sediments
- Compendium of Federal Facilities Cleanup Management Information
- Federal Remediation Technologies Roundtable (FRTR) Case Studies
- Field Applications of *In Situ* Remediation Technologies: Chemical Oxidation
- Guide to Documenting and Managing Cost and Performance Information for Remediation Projects - Revised Version
- Innovative Remediation Technologies: Field-Scale Demonstration Projects in North America, 2nd Edition
- Lasagna™ Public-Private Partnership Completes Work
- Monitored Natural Attenuation of Petroleum Hydrocarbons: U.S. EPA Remedial Technology Fact Sheet
- Remediation Technologies Development Forum
- RTDF Update
- Remediation Technologies Screening Matrix/ Guide, Version 3.0, October 1997
- Site Remediation Technology InfoBase: Guide to Federal Programs, Information Resources, and Publications on Contaminated Site Cleanup
- Sediments Remediation Action Team
- Tank RACER 99
- Treatment Technologies for Site Cleanup: Annual Status Report—9th Edition
- Use of Monitored Natural Attenuation at Superfund, RCRA Corrective Action, and UST Sites

EPA 905-B-96-004  
EPA 540-R-98-004  
  
EPA 542-R-98-008  
EPA 542-B-98-007  
  
EPA 542-B-00-004  
EPA 542-F-99-025  
  
EPA 600-F-98-021  
EPA 542-F-99-023  
EPA 542-F-98-019  
  
EPA 542-B-00-005  
EPA 542-F-99-031  
  
EPA 542-R-99-001

**Document Title****EPA Publication Number****Remediation: Soil**

- Analysis of Selected Enhancements for Soil Vapor Extraction EPA 542-R-97-007
- Emerging Technology Summary: Vitrification of Soils Contaminated by Hazardous/Radioactive Wastes EPA 540-S-97-501
- Ground Water Issue: Steam Injection for Soil/Aquifer Remedy EPA 540-S-97-505
- IINERT Soil-Metals Action Team EPA 542-F-99-030
- Remediation of MTBE-Contaminated Soil and Ground Water, #2 EPA 510-F-98-002
- Recent Developments: *In Situ* Treatment of Metal-Contaminated Soils EPA 542-R-97-004
- Resource Guide for Electrokinetics Laboratory and Field Processes Applicable to Radioactive and Hazardous Mixed Wastes in Soil and Ground Water from 1992 to 1997 EPA 402-R-97-006

**Bioremediation**

- Bioremediation Field Initiative Site Profile: Hill Air Force Base Superfund Site EPA 540-F-95-506C
- Bioremediation Field Initiative Site Profile: Libby Ground Water Superfund Site EPA 540-F-95-506A
- Bioremediation of Chlorinated Solvents Consortium EPA 542-F-99-024
- Bioremediation of Chlorinated Solvent Contaminated Groundwater EPA 600-S-97-003
- Environmental Research Brief: Anaerobic Biodegradation of BTEX in Aquifer Material

**Phytoremediation**

- Alternative Covers Subgroup EPA 542-F-99-028
- Bibliography of Phytoremediation Resources EPA 542-F-99-026
- Phytoremediation of Organics Action Team EPA 542-F-99-027
- Phytoremediation of TCE in Ground Water Using Populus
- Total Petroleum Hydrocarbons (TPH) in Soil Subgroup

**Barriers**

- Evaluation of Subsurface Engineered Barriers at Waste Sites EPA 542-R-98-005
- Field Applications of *In Situ* Remediation Technologies: Permeable Reactive Barriers EPA 542-R-99-002
- In situ Remediation Technology Status Report: Research and Application of Permeable Barriers EPA 542-F-99-029
- Permeable Reactive Barriers Action Team
- Permeable Reactive Barriers for Interception and Remediation of Chlorinated Hydrocarbon and Chromium (VI) Plumes in Ground Water EPA 600-F-97-008
- Permeable Reactive Barrier Technologies for Contaminant Remediation EPA 600-R-98-125
- Subsurface Containment and Monitoring Systems: Barriers and Beyond EPA 542-R-96-001
- State Policy and Regulatory Barriers to *In Situ* Ground Water Remediation

**Remediation: Ground Water Documents**

- Bioremediation of Chlorinated Solvent Contaminated Ground Water EPA 542-R-98-009
- Field Applications of *In Situ* Remediation Technologies: Ground-Water Circulation Wells EPA 542-R-99-006
- Ground Water Cleanup: Overview of Operating Experience at 28 Sites EPA 542-N-00-008
- Ground Water Currents, December 2000 EPA 540-S-97-505
- Ground Water Issue: Steam Injection for Soil and Aquifer Remediation
- GWRTAC Technology Overview Reports EPA 542-R-99-011
- Hydraulic Optimization Demonstration for Groundwater Pump-and-Treat Systems
- MTBE Fact Sheet #2: Remediation of MTBE-Contaminated Soil and Ground Water
- Permeable Reactive Barriers for Interception and Remediation of Chlorinated Hydrocarbon and Chromium (VI) Plumes in Ground Water EPA 600-F-97-008
- Presumptive Remedy: Supplemental Bulletin, Multi-Phase Extraction Technology for VOCs in Soil and Ground Water EPA 540-F-97-004
- Resource Guide for Electrokinetics Laboratory and Field Processes Applicable to Radioactive and Hazardous Mixed Wastes in Soil and Ground Water from 1992 to 1997 EPA 402-R-97-006
- State Policy and Regulatory Barriers to *In Situ* Ground Water Remediation EPA 542-R-96-001
- Testing and Demonstration Sites for Innovative Ground Water Remediation Technologies EPA 542-R-97-002

**Site Characterization Documents: General**

- Bibliography for Innovative Site Clean-Up Technologies EPA 542-B-99-004
- Environmental Technology Verification (ETV) Program Site Characterization and Monitoring Technologies Pilot Fact Sheet EPA 542-F-99-009
- Environmental Technology Verification (ETV) Program Fact Sheet EPA 542-F-98-015
- Environmental Technology Verification Program Brochure EPA 600-F-97-005
- Federal Facilities Forum Issue: Field Sampling and Selecting On-Site Analytical Methods for Explosives in Soil EPA 540-R-97-501
- Field Sampling and Analysis Technologies Matrix, Version 1.0 EPA 542-B-96-002
- Guideline for Dynamic Workplans and Field Analytics EPA 600-C-96-001
- Hazardous Waste Site Characterization CD-ROM EPA 542-R-98-006
- Innovations in Site Characterization Case Study: Hanscom Air Force Base, Operable Unit 1, EPA 542-R-98-019
- Leak Detection for Landfill Liners: Overview of Tools for Vadose Zone Monitoring EPA 540-R-98-038
- Quality Assurance Guidance for Conducting Brownfields Site Assessments EPA 600-C-98-001
- Site Characterization Library, Volume 1, Release 2.0
- Technology Support Center (TSC) for Monitoring and Site Characterization